

QTC

Messages and news from RASA
The Radio Amateur Society of Australia



November 2021

2x1 Contest Callsign Edition



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You are welcome to join RASA or make a donation to support our work.

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Email us at info@vkradioamateurs.org

Cover picture credit: Ian VK3BUF

QTC from the Editorial Team

It's not often we issue a special edition of QTC.

The recent announcement by ACMA and AMC relating to the release of 2x1 Contest Callsigns is a huge win for VK contesters. It is also a win for the AR community as it illustrates what's possible when we lobby the Regulator in a responsible and cohesive manner.

This is probably the first new privilege Advanced licensees have obtained since the WARC bands were awarded in 1979. The other notable additions are 630m and 2200m, but very few operators will have taken advantage of these LW bands.

It is noted that overly complex and restricting criteria were eschewed in ACMA's final policy decision. Access to these callsigns should not be just for the elite. A contester is a contester; QRP, little pistol, looking to have fun and improve skills.

You needn't be ranked in the top 10, or be required to have a \$20,000 station, or operate in a specified list of contests.

To qualify, you just need to be an Advanced Licensee or club station and commit to using the callsign for contesting.

Sadly, working collaboratively with the WIA Board has become almost impossible. It's as if the WIA is now censoring factual news concerning RASA initiatives.

They couldn't even acknowledge the work done by RASA or the cross-sector committee with Contest Callsigns in their news release last month.

This is a very unfortunate outcome for WIA members and the broader AR community. It means that resources like QRM Guru, Amateur Radio Tech Support, and VKRegs are not being promoted, used, or supported by the whole community.

Many amateurs are simply missing out on practical, useful resources. And we know many WIA members share our frustration.

Now to some positive news. We think we can safely say that Antennapalooza is back this year. Melbourne and Regional Victoria have relaxed travel and stay-at-home restrictions.

We'll keep you updated via social media, our website and e-bulletins.

And back to our headline story.... if you hear a strange new callsign on air, it's probably a contest callsign. And the operator will be having a lot of fun with this new privilege.

If you're a seasoned contester we hope the information in this edition will be useful. And to new or prospective contesters, we hope this edition might help you in your journey to the exciting world of AR contesting.

We hope you enjoy this special edition of QTC... as always, we welcome your feedback and ideas.

73,

QTC Editorial Team
info@vkradioamateurs.org



PerthTech Update

W.A. Amateur Radio News PERTHTECH RAFFLE 2021 RESULTS

The PerthTech Raffle Draw was on Saturday 23rd October, which you may recall was the planned date for PerthTech, which was postponed due to COVID.

The draw took place after the WA Amateur Radio News Inc Annual General Meeting. We were delighted to have twenty members and guests in attendance at the Giddegannup Recreation Club in the Perth Hills, on a lovely sunny spring day.

The Raffle Draw:

First Prize Icom 705 Portable SDR Radio
and Backpack: Ticket # 245
Gusti Mahendra VK6WB

Second Prize, MFJ Antenna Analyser: Ticket
#463 Fred Milnes VK6UMH

Third Prize Comet GP15 Triband Antenna:
Ticket # 358 Chris Fisher VK6ZC

Results have been posted to the [VK6.NET](https://vk6.net)
website.

Congratulations to all the winners, and to all those who bought tickets, thanks for your support. The funds raised will be used to stage PerthTech 2022 with a vengeance!

Bob VK6POP
Secretary WAARN

If you enjoy QTC please consider making a small donation.

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RASA Membership



We believe we should be measured by our achievements. And we can only succeed with your support, so thanks to all our members and supporters for helping us make this happen.

And thanks to everyone who has sent us emails with feedback.

This edition of QTC is a special celebration of RASA's achievements in obtaining 2x1 Contest Callsigns for VK Contesters.

We listen to our members and respond to emails and questions about our initiatives, policies and priorities.

Please support us by joining or renewing your membership today. It's just \$10 and its simple – [follow this link](#).

We have heard from a number of members who are not receiving our bulletins or emails.

Some of you are overdue with your annual membership fees.

Please drop us an email if you're not sure if you're membership is up-to-date and we'll get back to you.

Also, please check your spam or junk folders; some ISPs and mail clients are very aggressive with how they categorise incoming emails.

QRM Kill Kits

Ferrite kits to suppress unwanted noise in your shack. Click the image to head to our online shop.



Build a simple DF Loop to help you localise and pinpoint the source of the noise. Click on the image to head to our online shop.



The Story of Success for VK contesters.

For over 150 VK contesters and clubs, this is a significant achievement.



Eastern And Mountain District Radio Club is at Emdrc Clubrooms.

6h · Melbourne, VIC · 🌐

The club has been allocated the contest callsign VJ3E. It will be active this weekend in the CQWW DX contest SSB event.

VJ3E

RASA is pleased to report that ACMA have authorised issue of 2×1 contest callsigns from 13th October 2021 and we'll start hearing them on-air in the CQ World Wide SSB Contest.

Contesting forums and Social Media lit up last month with excited contesters sharing their new callsigns with the broader community.

This was announced by ACMA on Friday 8th October 2020 (see below).

Callsigns became available on 13th October 2021.

AMC started sending approval letters on 25th October 2021.

Contest Callsigns are now approved and on-air.

ACMA announcement: 8 October 2021



We recently conducted a survey seeking the views of the amateur radio community on allocation arrangements for 2×1 callsigns. We received 415 responses, and thank everybody who contributed. A summary of the results can be found below.

After considering the feedback from the survey, the ACMA has recommended to the AMC that it starts allocating 2×1 callsigns based on the following arrangements:

- The AMC will manage the allocation of the 2×1 callsigns on behalf of the ACMA.
- The callsign template comprises VK\$A-Z, VJ\$A-Z and VL\$A-Z.
- Callsigns are:
 - issued exclusively for amateur radio contests
 - limited to amateur radio clubs and holders of an Amateur Operators Certificate of Proficiency – Advanced
 - limited to one 2×1 call sign per licenced station – not including repeater or beacon licences.
- Successful 2×1 callsign applicants are not required to obtain a new licence or vary an existing licence.
- 2×1 callsigns will be issued for a period of 12 months.
- Callsigns will be allocated on a first-come, first-served basis.

The allocation process will commence at **10 am, 13 October 2021**.

Australian Maritime College

Locked Bag 1394, Launceston Tas 7250

Phone 1300 852 701

Email amc.ar@utas.edu.au

Web <http://www.amc.edu.au/industry/amateur-radio>



2x1 Contest Callsign Allocation

This is to confirm that

The callsign template comprises VK\$A-Z, VJ\$A-Z and VL\$A-Z, where \$ is the call area.

RASA have been working on this initiative for two and a half years. A summary follows:

- November 2018 – RASA commenced work on the Contest Callsign initiative
- December 2018 – RASA meets with ACMA and gains preliminary support for our 2x1 proposal
- January 2019 – RASA convenes a cross-sector committee (comprising RASA, WIA and VK Contest Club members) to investigate and formulate a proposal (Note 1)
- June 2019 – Committee finalises its work, and recommends that 2x1 callsigns be issued
- July 2019 – RASA commences negotiations with ACMA
- July 2020 – ACMA approves the new contest callsign format and adds to the callsign template
- October 2021 – ACMA and AMC release new callsigns for use, with block expanded to VJ, VK and VL prefixes.
- 13 October 2021 – AMC opens for business accepting 2x1 callsign applications
- 25 October 2021 – contesters receive confirmation emails with their new contest callsigns
- 30 October 2021 – First major contest, CQ World Wide SSB contest – let the 2x1 loose!

Whilst the period of negotiation (July 2019 – July 2020) may appear extended, the inclusion of 2x1 Contest Callsigns was wound into a broader review including changes to the Foundation Licence (i.e. Digital modes, ability to construct equipment and 3-letter callsigns).

Delays between July 2020 and October were caused by Covid-19 and additional workload as a result of 3-letter callsigns for Foundation Licensees.

RASA thanks the ACMA and AMC for their professional approach to this process and ultimate decision to release this new block of callsigns.

The decision to expand the 2 x 1 block to the VJ, VK and VL prefixes means that the callsigns will be available to many more amateurs, including FLs and Standards via a club station.

Finally, none of this would have been possible without the dedication and cooperation of the 2x1 Contest Callsign Committee.

Once again, RASA extends our thanks to all participants who worked with us to make this happen – a great result for contesting and Amateur Radio in Australia.

Note 1: For clarity, the WIA had no role in this initiative. At no time throughout the process have they responded to RASA's call for cooperation. Until this privilege was obtained, (October 2021) the WIA have not promoted or acknowledged the work being undertaken. Since the win was announced, the WIA has erroneously attributed success to VKCC leadership. VKCC have had no formal leadership or representation in this project; it was individual VKCC member participation that assisted in the success of this project. It is noted that a VKCC member brought the idea for short form contest callsigns to the WIA in 2010(ca). No progress was made and the WIA has been silent on the matter since.

Hotspots for Digital Voice Modes

DMR | Fusion | D-Star | P25



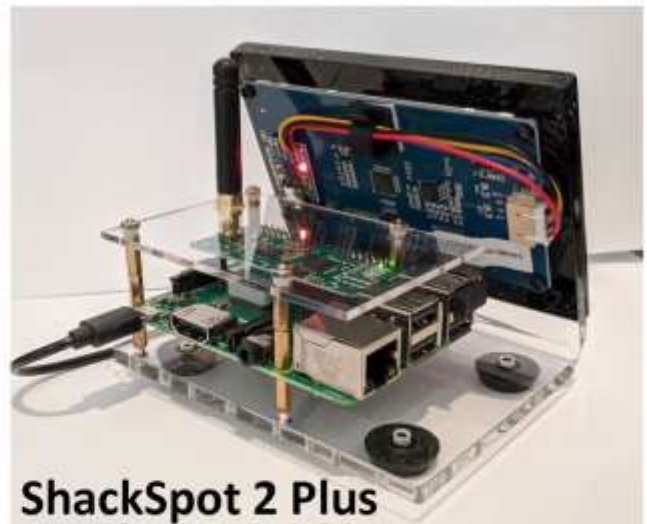
DuraSpot 1



DuraSpot 2



ShackSpot 2 Plus



ShackSpot 2 Plus

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VK4NGA Digital Amateur Radio | Glenn Allemand

Email: techboy@gypsymail.id.au

YouTube VK4NGA

Contest Callsigns – how to get one.

The Australian Maritime College will be handling all administration associated with these callsigns.



To qualify for a 2x1 contest callsign you must:

- Hold an Advanced Amateur Operators Certificate of Proficiency (AOCP/A) or
- Be a club station, and
- Confirm you will use the callsign in contests

Only one callsign per applicant (individual or club)

The fee is \$70.

For details visit:

https://www.amc.edu.au/_data/assets/pdf_file/0005/1547276/2x1-Callsign-Policy-and-Application-Process-FINAL-21102021.pdf

The callsigns can be used for contests only. There is no specified list of contests.

Contest callsigns are issued for 12 months and can be renewed by the original applicant. AMC will issue renewal notices 30 days prior to expiry.

These callsigns **will not** be listed on the ACMA Register of Radiocommunication Licences. AMC will publish a list of callsigns and licensees on their website.

A separate licence is not required to operate this callsign as the callsign has been allocated in association with your Advanced licence. Your Advanced licence is required to remain in a "Granted" status whilst operating this callsign.

Note you **cannot** exchange the prefix VK\$A-Z, VJ\$A-Z or VL\$A-Z with the AX or VI special event prefixes.

Testimonials and feedback from testers.

We're pleased to share some comments and testimonials from VK testers below. Thanks to everyone who sent us feedback. Overall, we received very positive feedback and there were more than enough callsigns to meet demand.

"I've entered contests over the years and always found VK2AAH too long to get out phonetically on a busy band. The 2 x 1 call will make contesting more enjoyable by reducing the number of repeats and broken contacts. It will stir up interest among overseas stations and encourage them to swing their antennas towards us."

Richard VK2AAH

"just read the write up re the two and a half years work by your team to get 2x1 calls, well done and more importantly, thank you for all the efforts that led to a success."

Brenton VK3CM

"First of all, thank you and the team for all your hard work and patience in this whole process! I am really excited about us getting short 2x1 calls here in Oz - in line with the rest of the world.

We are a long way away from the 3 major ham radio population centres and the short 2x1 calls definitely make it easier for DX to copy our "weaker" signals in the QRM of a crowded band, or in QRN/QSB. I also believe that the larger variety of Australian prefixes in contests will be an additional incentive for DX to turn their antennas our way which will allow us to enjoy good pile-ups for longer."

Bernd VK2IA

This is great news! Well done to RASA and AMC. I'm an avid tester – we are now on par with many international countries (once we get 1KW). One thing though – as a member of vkcc - the claim that we had something to do with this is incorrect...we had nothing to do with this at all. Please don't publish my name or callsign, would prefer to stay out of the politics.

Name withheld

I'm a small pistol and mainly a CW tester (tester in training).

When the 2x1 i.e. the short call signs started to appear on the bands, I said to myself... Wow what a good idea. They shorten the exchange and reduce the possibility of typing errors. At first there was confusion, but in time the testers got used hearing them. They are now part of contesting armoury. Shorter callsigns provide a competitive advantage. They are good.

There was a previous attempt to seek support from WIA to lobby for 2x1 callsigns over ten years ago, but this was unsuccessful.

With the most recent proposal by RASA, ACMA and AMC surprised us with not only VK prefixes but also added VJ and VL. ACMA and AMC have excelled in that department.

While we all are waiting now for the short calls to be made official the contesting calendar goes on.

The almost promised increase in legal power is still on the back burner.

Australian Government is heavily promoting any sport. Contesting is called "**radio sport**". I acknowledge that we won't ever have Olympic games in radiosport.

The WRTC is Olympic games of world testers, but because of the small participation of VK amateurs in contesting we don't get representation on a regular base. VK and Oceania get a very small number of invitations.

I'd like to think that the use of the 2x1 call signs will give Australian amateurs - testers greater international profile. We need more participation and the emergence of new talent.
Patrick VK2PN

Contesting is a lot of fun and a very important part of the hobby for many amateurs. It's great we finally have a level playing field with short-format contest callsigns. And the two new prefixes will also generate a lot of interest in contests where a new prefix means a new multiplier. The pileups will be fun!
Chris VK3QB

Thanks RASA for your involvement in making the 2x1 contest callsigns a reality. I have just received my call and am looking forward to the upcoming contests. I think the different prefixes are going to attract a lot of attention from DX stations and the four-letter calls are going to be so much fun during the contests. CW is my mode of choice, and this should be a game changer.
Phil VK3VB

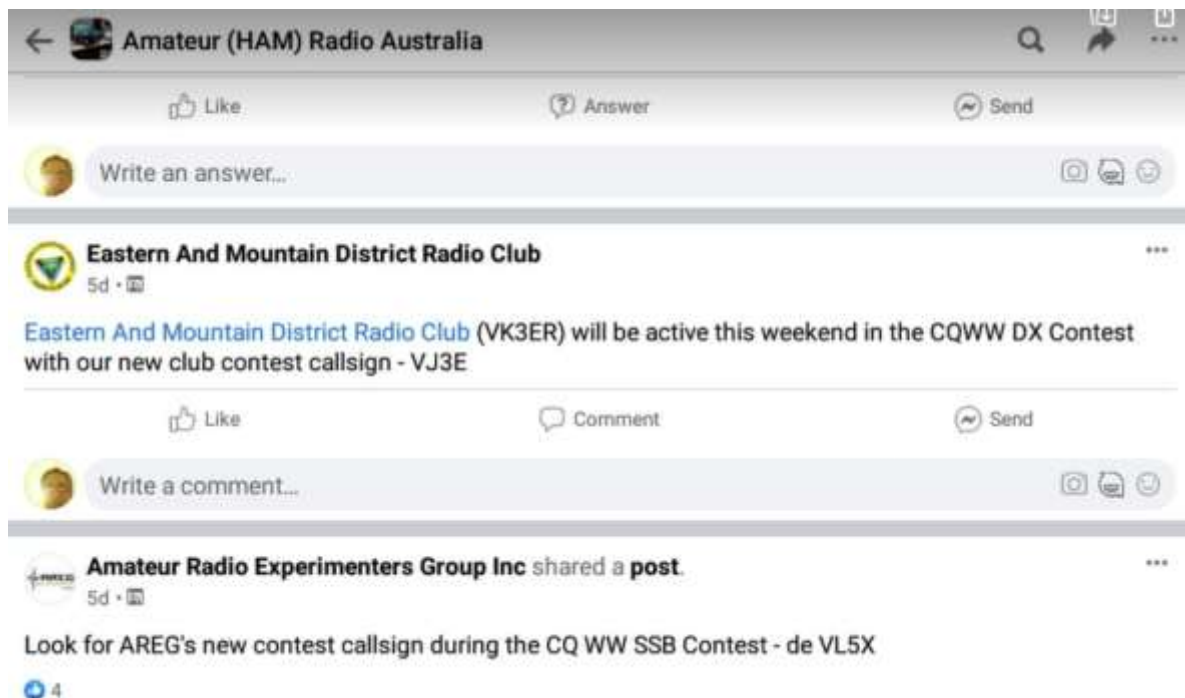
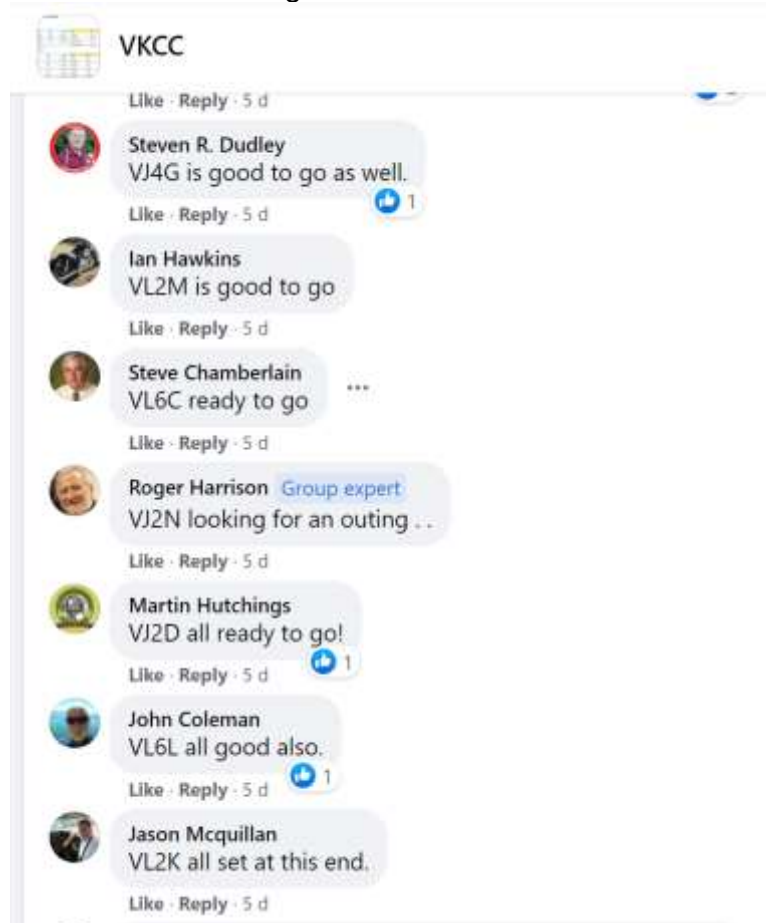
Finally...we have 2x1 callsigns, despite the best efforts of the WIA, who came in at the last minute, derailed the process and then attempted to claim the credit.

To all the WIA choirboys...every time you use your 2x1 contest callsign

- Remember who got it for you; and
- Remember whose idea it was to get the two extra prefixes

Here is a hint – it wasn't the WIA.
A bemused observer

And some commentary from the VK Contest Club Facebook page. Individuals and clubs all keen to advertise their new contest callsigns.



The first major contest for the new callsigns took place in late October – it would be fair to say the new callsigns have helped generate more on-air contest activity.

CQWW SSB



CQ World Wide DX Contest

Summary of logs to date: (from Bernd VK2IA via VKCC)

"Just 2 days after CQWW finished, 7,500 logs have already been submitted in total! 80 VK logs were submitted so far, half of which were for 2x1 calls. 80 SSB logs from Australia is a new record, up from 66 in 2017 and 2012! And there are still 3 days to go until the deadline."

As expected, it will take some time for the new callsigns to be recognised internationally. The below snippet observed on Social Media.

I hope that everybody using the new call are going great. I had a small incident:
I got one "grumpy" Russian into argument.
"VL is not Australia, it had to be VK." so I told him: OK if you don't like it don't log it. Then called VL2N QRZ? and had taken the next caller.
The Russian returned within a minute and did not argue this time...
heheheh...

Finally, to hear some of the on-air action, click the image below



CQ World Wide DX Contest

Scientific Callsigns are not for Amateur Radio.

We've heard and seen some confusion... if you find a callsign that looks like a contest callsign on the ACMA Register of Radiocommunication Licences (RRL) check its designation. You'll find these are Scientific Licences and they are **not** for use on Amateur bands.

Amateur Radio Contest callsigns are not a licence and are not listed on ACMA's database. Our contest callsigns are listed on the AMC website and you must have a primary Advanced AOCPP in order to apply for and use a contest callsign.

Remember, 2x1 Contest Callsigns **will not** be listed in the ACMA RRL.

These are **not** duplicate callsigns. They are allocated to an entirely different service.

If you are in any doubt or seeking clarification, please contact the ACMA.

Licence Details

Licence Number	456702/1
Client	SECOMM AUST PTY LTD
Status	Granted
Category	Apparatus Licence
Service	Scientific
Sub Service	Scientific Non Assigned
Callsign(s)	VJ3T
Date of Effect	30/Jun/2021
Date of Expiry	30/Jun/2022
Advisory Notes	Conditions applicable to the operation of Scientific Non Assigned station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Scientific Licence) Determination. Copies of these determinations are available from the ACMA and from the ACMA home page (www.acma.gov.au).
Special Conditions	This licence does not authorise operation of a scientific station in the following frequency ranges: a) 3400-3575 MHz b) 890-915 MHz c) 935-960 MHz d) 809-825 MHz e) 854-870 MHz. NOTE: There may be additional text attached to the station/assignment associated with this licence.
Licence Image	

ACMA Register of Radiocommunication Licences
https://web.acma.gov.au/rrl/register_search/main_page

Contesting – where to start



What is amateur radio contesting?

This article is written for those interested in contesting but aren't sure where to start.

Like any amateur competitive events, AR contesting is an activity that promotes friendly competition between people; either individually or as a part of a team.

Put most simply, the objective of a radio contest is to log as many QSOs as possible and to maximise your score. Different contests have different rules which can add to the interest and skills required.

Contesting covers just about all amateur bands, modes and interest levels. If you're competitive or enjoy improving your skills, AR offers a contest to suit your interest.

Contests can be as short as one hour and extend to 48 hours or more. Tune the bands just about any weekend and you're almost certain to stumble across a contest somewhere.

It is worth noting that contests are not held on the HF WARC Bands (10, 18 & 24MHz). This is an informal international agreement.

Why contest?

Ask most testers and they'll probably respond by saying: "it's fun..." and follow up with stories of run rates, propagation openings, new equipment, improved skills,

new personal best scores, and of course, comradery and friendly competition with mates.

Contesting is more than just getting on air and having a go. Serious and successful testers put many hours, effort and sometimes a lot of money into building a world class station.

As well as the equipment comes skill. You can have a world class station, but an average station with a skilled operator will nearly always get the upper hand.

Where to start?

Here in VK, the best place to start is by joining the VK Contest Club. This is an informal collegiate group of testers who are only too happy to help newcomers.

They have a website, Facebook page and Google Group. Visit their website for more information and to join up. It's free!

www.vkcc.com

Probably the best contest for a beginner is the Remembrance Day Contest, held in August each year. It goes for 24 hours and has is generally regarded as a friendly contest where people are happy to have a chat as well as chase contacts.

Other local contests to try, include the VK Shires Contest and Ross Hull Memorial Contest. As you gain more confidence the Oceania DX Contest is very popular for VK, ZL and Oceania operators.

OceaniaDXcontest

Becoming a good tester means continually working on your operating skills and station capability.

What Logging program should I use?

There are a lot of logging programs available. Probably the two most popular for beginners (and experienced ops) are:

VK Contest Logger by Mike VK3AVV

<https://www.mnds.com.au/vkcl/>

VK Contest Logger is the most popular for the common VK Contests. Written here in VK for VK contests.



N1MM

<https://n1mmwp.hamdocs.com/>

N1MM is used by most testers for international contests. N1MM has many other features that are useful as your contesting skills develop.



For more information about worldwide contests visit this website.

<https://contestcalendar.com/>

Locally, Alan VK4SN publishes a very good calendar of contests.

<https://www.vk4sn.com/Contests/Calendar>

Contesting is a lot of fun. The added bonus is that it will help you to develop your operating skills and improve your station.

And, you really only have to compete with yourself. Have a go. Find a contest and listen in... you may well find yourself joining in sooner than you think.

Let's finish up with a random quote from a newish solo tester:

"So when the 2X1 was announced I knew it was time to have a real go myself. So yes I got a 2X1 for the sake of having one but sheesh I had a blast.

Anyone else sick of hearing there own call in their head now? I am 😊"

Ref: Cory Newman - Facebook

And great to see the more experienced testers offering support and encouragement.

"Good to hear you had a good time...we had fun at VJ4K....Well done (Cory) on your first contest serious effort."

Ref: Trent Sampson - Facebook

The ethos and ethics of Amateur Radio

Like many hobbies, Amateur Radio has traditions, jargon and practices that are not always apparent to the newcomer. Your licence entitles you to get on the air and transmit, but, as a newcomer, you need to familiarise yourself with the way the hobby works operationally before transmitting.

Getting to know how amateur radio stations operate will provide a smooth and stress-free entry to this great hobby of ours.

Have a listen around the bands before you first transmit (if you haven't already) – monitor typical amateur QSOs (conversations). This will give you a feel for on air practices.

Once you start transmitting, steer well clear of controversial topics including:

- religion;
- politics;
- business (you can talk about your profession/trade, but you cannot advertise your services or those of anyone else);
- derogatory remarks/observations/jokes directed at any group (gender, ethnic, religious, political, sexual orientation, etc.); and
- off-colour humour.

Above all, apply common sense and good taste.

Do NOT use CB jargon – you will annoy your fellow amateurs and will be ostracised at best or roundly criticised on air at worst... Amateur and CB radio are different hobbies, with different operating practices. This hobby

has many participants with as many differing views.

Remember, you are also prohibited from transmitting any form of entertainment.

The American Radio Relay League has, for many years, published a guide for new amateurs, known as The Amateurs Code:

The Radio Amateur is:

CONSIDERATE...He/she never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...He/She offers loyalty, encouragement and support to other amateurs.

PROGRESSIVE...He/She keeps his/her station up to date. It is well-built and efficient. His/Her operating practice is above reproach.

FRIENDLY...He/She operates slowly and patiently when requested; offers friendly advice and counsel to beginners; kind assistance, cooperation and consideration for the interests of others. These are the marks of the amateur spirit.

BALANCED.... Radio is a hobby, never interfering with duties owed to family, job, school or community.

(adapted from the original Amateur's Code, written by Paul M. Segal, W9EEA, in 1928)

RASA supports and promotes this code.

ACMA and Regulations



One significant issue has been concluded. Contest Callsigns are now a reality.

The ACMA continue their review of the consultation process. As at the time of publication (1 November) we don't have any further information to share with readers.

However, RASA continues to ensure focus on the following areas:

Protection from Interference

RASA is the only national body that is actively working here in Australia to protect our bands from interference. We lobby ACMA to ensure our interference protection rights under the Radiocommunications Act are retained, and we promote the benefits of QRM Guru to ACMA officers. We have informal feedback that QRM Guru is widely regarded as a practical and useful tool to aid in achieving these objectives.

We know that ACMA is more responsive to complaints that are supported with evidence and a properly documented submission. QRM Guru provides the framework for such submissions.

On the ground we continue to assist amateurs to hunt down and resolve local QRM issues. We present to clubs regularly and constantly seek feedback from fellow amateurs.

Repeater and Beacon Assignments

Existing legacy arrangements are out-dated, inefficient, painfully slow and exhibit single points of failure. There are no performance management regimes, and we are aware of numerous complaints from clubs and individuals.

RASA has proposed a more equitable, transparent, and responsive service as a part of the recent consultation process with ACMA.

Full 50-54MHz for Standard Class Licencees

RASA continues to lobby the ACMA to have this anomaly addressed.

1kW for Advanced Amateurs

RASA continues to lobby ACMA to allow Advanced amateurs to use 1kW.

2x1 Contest Callsigns - WIN

Complete! Another great outcome from effective representation and sector leadership by RASA. We know AR Editor, Roger Harrison VK2ZRH/4 will be keen to report this win in the next issue of AR Magazine.

Antennapalooza **2021**

Antennapalooza, now in its 7th year, will return to Drouin West on 4-5 December 2021 (Subject to Covid-19 restrictions)

The theme for 2021 will be *Working Mobile with Amateur Radio*.

Visit: <http://antennapalooza.net.au/>

Set on a seven-acre field, 50km due East of Dandenong, visitors can bring their tent or caravan for the weekend, or just stay for a day. Set up an antenna and have a play on-air or take in the presentations on establishing a mobile station.

Entry is free. Bookings are not essential, but please register with your **name** and **callsign** so we can plan logistics. Let us know if you plan to camp or just stay for the day. Email us at: sparky@dcsi.net.au

The website <http://antennapalooza.net.au/> will provide info on how to find the venue, what to expect when you get there and list the short presentations that will feature on the Saturday and Sunday.



Free tea, coffee & barbecue facilities will be on hand. Toilet facilities are provided. In the evening a warming fire will be lit in the treed area. (subject to fire restrictions)

Experienced Amateurs can try their field equipment, meet old

friends, and throw some snags on the barbie. Others who have heard a little about Amateur Radio, but want to know more, will benefit from this event.

Several clubs have been invited to both promote and sponsor this event:

GGREC, FAMPARC, EMDRC, SPARC, MDRRC, NERG, SHERBROOK & Eastern Zone.

See you there!

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» Virginia: 1870 Sandgate Rd 07 3441 2810

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» Prospect: 316 Main Nth Rd 08 8164 3466

Products also available through our regional reseller network & Leading Edge electronics stores.

Exams and Callsign Administration



Since early 2019, the Australian Maritime College has been providing exams and callsign administration services on behalf of the ACMA.

For more information, visit the [AMC Website](#) and follow the links.

Training Courses



Looking to get your licence or upgrade? If you are in Perth, contact Ham College for excellence in face-to-face training. Click the image below for more info.



National Online and Remote Training from the Radio & Electronics School. Since 1997. Click the image for more info.

Welcome Packs: Free resources for Clubs

Does your club run training courses or exams for newcomers? If so, read on...

RASA has put together a free **Amateur Radio Welcome Pack**. These packs comprise a portfolio folder which includes a number of useful documents and reference sheets.

Give your students some practical and relevant material to take away at the end of the course.

Included in this **Welcome Pack** are some documents and information sheets to help your students get started.



- Welcome to Amateur Radio Guide Book
- VK Regulations Handbook
- Getting started with Repeaters
- Australian Band Plan Quick Reference Guide
- Interference Resolution (QRM) Process Guide
- Useful Web sites information sheet

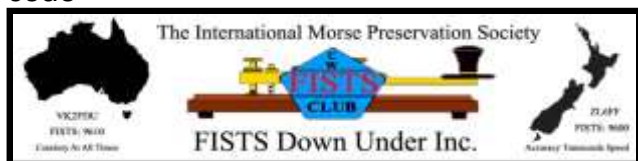
If your club is running a course and would like to provide these resources to your students just send us an email. This is a free resource. We only ask that you cover postage costs.

Have your Club President email us at info@vkradioamateurs.org

National Special Interest Groups

Links to VK national groups with a brief explanation of their activities. Click on the image to visit their web site.

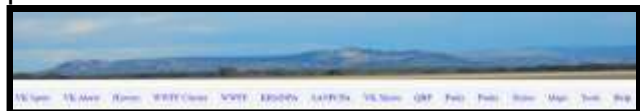
Morse code – VK/ZL site all about the code



VK QRP Club – low power operation



Parks n Peaks – all about operating portable



VK Contest Club – VK Contesting



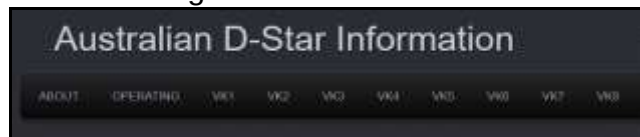
QRM Guru – resolving interference



VK DMR Network – Australia's largest digital radio network



D-Star – Digital Radio



RAOTC – for amateurs licenced 25 years or more

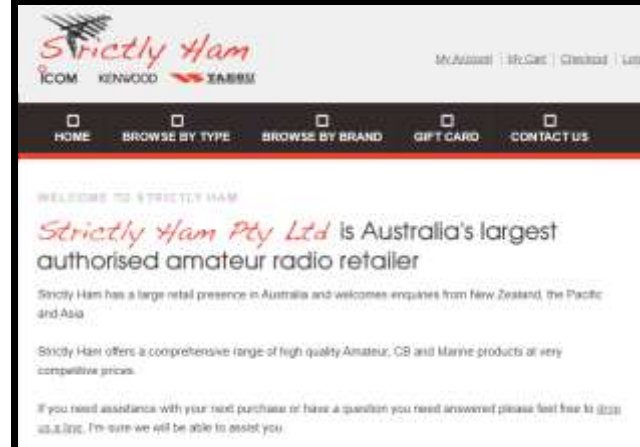


ALARA – Ladies Amateur Radio Association



If you see we've overlooked something, please send us an email info@vkradioamateurs.org

VK Suppliers of AR Products



Neither RASA nor QTC Mag endorse or have any affiliation with suppliers on this list.